ABSTRACT OF THE DISCLOSURE

A load receiver (10) for a balance with arms (11) is designed to support weights of various shapes and sizes (13, 14, 15, 16) by cradling the weights in a depression sloped at a variable slope angle towards the middle of the load receiver. A loading stage (1) arranged to cooperate with the load receiver (10) has one or more weight-placement devices (5) designed so that the load receiver (10) can reach through the weight-placement device (5) without touching the latter. The loading stage (1) and the load receiver (10) are moveable up and down in relation to each other. The weight-placement device (5) is suitably configured to support the different weights (13, 14, 15, 16). The load receiver (10) and loading stage (1) are used in a mass comparator for testing weight standards with a high degree of precision.